

AMENDMENT TO THE ABSTRACT

Please cancel the previous version of the Abstract and replace it with the Abstract attached herewith as page 8.

ABSTRACT

A method for producing internal antenna components for small radio devices. A radiator is supported by a flat-topped protrusion formed in a plastic blank — e.g., by pressing with a hot tool. The length of the protrusion sets the height of the planar antenna. The radiator and its conductors are formed by removing material from a conducting film attached to the top of the protrusion. A feed and a shorting conductor are formed as extensions of the radiator. Contacts are attached to the feed and the shorting conductor to connect the antenna component to the radio device. Elongated gaps made in the plastic blank around the edges of the protrusion can facilitate loosening of the component. A plurality of antenna components can be formed on a uniform plastic blank and placed in a common package. The method results in low manufacturing costs and quick production time.